

DCMTK - Bug #379

Problematic Warnings (gcc 4.4.5)

2010-12-15 00:00 - Jörg Riesmeier

Status:	Closed	Start date:	
Priority:	High	Due date:	
Assignee:	Jörg Riesmeier	% Done:	100%
Category:	Library	Estimated time:	0:00 hour
Target version:	3.6.2	Compiler:	gcc
Module:	dcmqrdb & Co.		
Operating System:	Linux		
Description			
reported on gcc 4.4.5 / Ubuntu 10.30 Linux during the cross platform testing phase c++ -DHAVE_CONFIG_H -DUSE_NULL_SAFE_OFSTRING -DNDEBUG -c -I. -I. -I../include -I../config/include -I../dcmnet/include -I../dcmdata/include -I../ofstd/include -I../oflog/include \ -O -I/usr/include/libxml2 -D_REENTRANT - D_XOPEN_SOURCE_EXTENDED -D_XOPEN_SOURCE=500 -D_BSD_SOURCE -D_BSD_COMPAT -D_OSF_SOURCE -D_POSIX_C_SOURCE=199506L -Wall dcmqrnf.cc dcmqrnf.cc: In member function 'int DcmQueryRetrieveConfig::readConfigLines(FILE*)': dcmqrnf.cc:242: warning: ignoring return value of 'char* fgets(char*, int, FILE*)', declared with attribute warn_unused_result dcmqrnf.cc: In member function 'int DcmQueryRetrieveConfig::readHostTable(FILE*, int*)': dcmqrnf.cc:364: warning: ignoring return value of 'char* fgets(char*, int, FILE*)', declared with attribute warn_unused_result dcmqrnf.cc: In member function 'int DcmQueryRetrieveConfig::readVendorTable(FILE*, int*)': dcmqrnf.cc:420: warning: ignoring return value of 'char* fgets(char*, int, FILE*)', declared with attribute warn_unused_result dcmqrnf.cc: In member function 'int DcmQueryRetrieveConfig::readAETable(FILE*, int*)': dcmqrnf.cc:476: warning: ignoring return value of 'char* fgets(char*, int, FILE*)', declared with attribute warn_unused_result c++ -DHAVE_CONFIG_H -DUSE_NULL_SAFE_OFSTRING -DNDEBUG -c -I. -I. -I../include -I../config/include -I../dcmnet/include -I../dcmdata/include -I../ofstd/include -I../oflog/include \ -O -I/usr/include/libxml2 -D_REENTRANT -D_XOPEN_SOURCE_EXTENDED -D_XOPEN_SOURCE=500 -D_BSD_SOURCE -D_BSD_COMPAT -D_OSF_SOURCE -D_POSIX_C_SOURCE=199506L -Wall dcmqrdbi.cc dcmqrdbi.cc: In member function 'OFCondition DcmQueryRetrieveIndexDatabaseHandle::instanceReviewed(int)': dcmqrdbi.cc:3382: warning: ignoring return value of 'ssize_t write(int, const void*, size_t)', declared with attribute warn_unused_result There are also similar reports for the non-public module (e.g. 'dcmprint')			
Related issues:			
Related to DCMTK - Patch #582: Proposed patch to remove -Wunused-result warni...		Closed	2013-11-28

History

#1 - 2013-04-23 10:21 - Andrew Chiw

Possibly problematic warnings (gcc 4.4.5)
Description

reported on gcc 4.4.5 / Ubuntu 10.30 Linux during the cross platform testing phase
c++ -DHAVE_CONFIG_H -DUSE_NULL_SAFE_OFSTRING -DNDEBUG -c -I. -I. -I../include -I../config/include -I../dcmnet/include -
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-D_XOPEN_SOURCE=500 -D_BSD_SOURCE -D_BSD_COMPAT -D_OSF_SOURCE -D_POSIX_C_SOURCE=199506L -Wall dcmqrnf.cc
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size_t)', declared with attribute warn_unused_result

There are also similar reports for the non-public module (e.g. 'dcmprint')

#2 - 2013-04-28 22:48 - Andrew Chiw

- Subject changed from *Möglicherweise problematische Warnings (gcc 4.4.5)* to *Problematic Warnings (gcc 4.4.5)*

#3 - 2016-11-16 15:30 - Marco Eichelberg

- Assignee set to Marco Eichelberg

#4 - 2016-11-24 13:39 - Marco Eichelberg

- Status changed from New to Closed

The warnings have apparently been fixed by some commit meanwhile, as they do not occur anymore (tested commit 30a9cae with gcc 4.4.5 and -Wall).

#5 - 2016-11-24 13:48 - Jörg Riesmeier

- Target version set to 3.6.2

- Category set to Library

- Status changed from Closed to Reopened

No, unfortunately, they are not fixed. It seems that the gcc on your system (caesar) is not built with the same configuration options as on the system that has been used by the reporter of this bug (me). Maybe, calling gcc with Option -Wunused-result helps :)

PS: -Wall does *not* enable all warnings.

#6 - 2016-11-25 08:59 - Marco Eichelberg

- Assignee changed from Marco Eichelberg to Jörg Riesmeier

#7 - 2016-11-25 17:33 - Jörg Riesmeier

- Status changed from Reopened to Closed

- % Done changed from 0 to 100

- Operating System set to Linux

- Compiler set to gcc

Finally closed. See commit e598abe and 5b95b6e.